

# **NCDOT Prioritization 3.0 Project Summary**

SPOT ID: H141272 Mode: Highway Status: Submitted

## **US-29 ALT (Franklin Blvd)**

From/Cross Street: NC 274 Specific Improvement Type: 10 - Improve Intersection

To: Project Category: Regional Impact

Length: 0.5

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,170,000

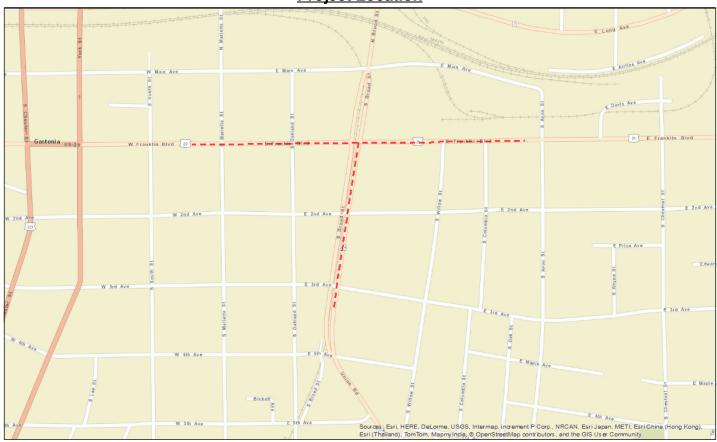
### **Description:**

Intersection Improvements. Crosswalks, pedheads, turn lanes on every approach.

**Division(s):** Division 12 **County(s):** GASTON

MPOS(s)/RPO(s): Gaston-Cleveland-Lincoln MPO

## **Project Location**



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Quantitative Score		MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

**Regional Impact Total Score: 43.85** 

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%)  Totals: Weight: 70% Weighted Score	33.18 66.70 46.78 21.94	Percent: 15% Points: 0	Percent: 15% Points: 100

## **Division Needs Total Score: 22.66**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)  Totals: Weight: 50% Weighted Scor	33.18 66.70 46.78	Percent: 25% Points: 0	Percent: 25% Points: 0

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## Project Data \*

### **Existing Conditions**

#### **Existing Cross-Section:** Speed Limit: 35 0.5 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Other Principal Arterial Terrain Type: Rolling Lane Width: 11 Paved Shoulder Width: 0 Roadway has Curb & Gutter? Yes Volume (AADT): 29908.22 Capacity: 84598.62 Volume/Capacity Ratio: 0.35 % Autos: 94% % Trucks: 6% Truck Volume: 1848.49 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 66.7 Severity Index: 66.7 County Tier Designation: 2 Non-Interstate STRAHNET No Route? Average Commuting Time: 21 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 80 Actual Congested Speed: 25 Travel Time Index: 1.4

#### **Project Benefits**

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Project Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	Full
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4498000
Travel Time Savings for 30 Years (Autos):	4219998.56
Travel Time Savings for 30 Years (Trucks):	278001.44
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	2040 MTP
CTP/LRTP Completion Year:	2014
Submitted by:	Gaston-Cleveland-Lincoln MPO

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

## **Project Ownership**

### **Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

### MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Gaston-Cleveland-Lincoln MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

# **Project Cost and Source**

Construction Cost:	\$1,750,000	Cost Estimation Tool
Right-of-Way Cost:	\$420,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$2,170,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,170,000	

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